

## 5. Substation Book

*Table F: Substation Book*

<b>1</b>	<b>Grounding</b>
1a	S-1 Ground Grid Inspection
1b	Ground Grid Resistivity Test Results
<b>2</b>	<b>Conduit</b>
2a	S-2 Conduit Inspection
2b	S-4 Cable Trenwa Inspection
<b>3</b>	<b>Foundation Documents</b>
3a	S-3 Foundation Inspection
3b	Third Party Subgrade Compaction Test Results
3c	Reinforcing Steel Mill Certificates
3d	Anchor Bolts Mill Certificates
3e	Embedment Ring Mill Certificates
3f	Concrete Tickets
3g	Third Party Concrete Break Test Results
<b>4</b>	<b>Equipment</b>
4a	S-5 Equipment Receiving Inspection
4b	S-6 Equipment Inspection
<b>5</b>	<b>Structures</b>
5a	S-7 Structure Inspection
5b	Steel Mill Certificates
<b>6</b>	<b>Overhead Bus</b>
6a	S-8 Overhead Bus Inspection
6b	Aluminum Bus Welding Certificates
6c	Manufacturer Certified Test Report
<b>7</b>	<b>Control Building</b>
7a	S-9 Control Building Inspection
<b>8</b>	<b>Substation Yard</b>
8a	S-10 Substation Yard Inspection

## 5. Substation Book (continued)

*Table F: Substation Book (continued)*

<b>9</b>	<b>Field Test Results</b>
9a	SF6 Gas Sample Test Results
9b	Step Voltage Test Results: Circuit Integrity Testing
9c	34.5 kV Breaker Test Results
9d	34.5 kV Switch Test Results
9e	HV Breaker Test Results
9f	HV Switch Test Results
9g	HV Metering Test Results
9h	Control Building Battery Test Results
9i	Main Power Transformer Test Results
9j	Protective Relay Test Results
9k	Energization Test Results
9l	Medium Voltage Cable Field Test Reports
9m	Fiber Optic Field Test Reports
	<b>Appendix A: Material and Equipment</b>
	Equipment Specifications and Information
	Manufacturer Certified Test Report
	Equipment Instruction Manuals
	Equipment Warranty Information
	Material Product Data
	<b>Appendix B: Permits and Drawings</b>
	Permits
	Design Drawings

## 6. Interconnect

*Table G: Interconnect*

<b>1</b>	<b>Grounding</b>
1a	S-1 Ground Grid Inspection
1b	Ground Grid Resistivity Test Results
<b>2</b>	<b>Conduit</b>
2a	S-2 Conduit Inspection
2b	S-4 Cable Trenwa Inspection
<b>3</b>	<b>Foundation Documents</b>
3a	S-3 Foundation Inspection
3b	Third Party Subgrade Compaction Test Results
3c	Reinforcing Steel Mill Certificates
3d	Anchor Bolts Mill Certificates
3e	Embedment Ring Mill Certificates
3f	Concrete Tickets
3g	Third Party Concrete Break Test Results
<b>4</b>	<b>Equipment</b>
4a	S-5 Equipment Receiving Inspection
4b	S-6 Equipment Inspection
<b>5</b>	<b>Structures</b>
5a	S-7 Structure Inspection
5b	Steel Mill Certificates
<b>6</b>	<b>Overhead Bus</b>
6a	S-8 Overhead Bus Inspection
6b	Aluminum Bus Welding Certificates
6c	Manufacturer Certified Test Report
<b>7</b>	<b>Control Building</b>
7a	S-9 Control Building Inspection
<b>8</b>	<b>Substation Yard</b>
8a	S-10 Substation Yard Inspection